

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1483 WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 03/ 12603	International filing date (day/month/year) 23/04/2003	(Earliest) Priority Date (day/month/year) 24/04/2002
Applicant MALLINCKRODT INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

METHOD FOR OBTAINING A 2-18F-FLUOR-2-DEOXY-D-GLUCOSE (18F-FDG) -SOLUTION

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/ 3/12603A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K51/04 A61K51/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, EMBASE, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 707 353 A (BUGAJ JOSEPH E ET AL) 17 November 1987 (1987-11-17) claims 1,13,14; example XII -----	1-15
Y	WO 98 15295 A (DU PONT MERCK PHARMA) 16 April 1998 (1998-04-16) page 74, line 30 - line 34 -----	1-15
Y	IRIE T ET AL: "Aspects of the preparation of 18F-2-deoxy-2-fluoro-D-glucose (18FDG) for medical use." RADIOISOTOPES. JAPAN JAN 1982, vol. 31, no. 1, January 1982 (1982-01), pages 11-15, XP008009483 ISSN: 0033-8303 abstract -----	1-15

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

20 August 2003

Date of mailing of the international search report

29/08/2003

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Authorized officer

Berte, M.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern

Application No

PCT/93/12603

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4707353	A	17-11-1987	AU 562257 B2	04-06-1987
			AU 2217883 A	14-06-1984
			CA 1204663 A1	20-05-1986
			EP 0111414 A2	20-06-1984
			ES 8503515 A1	16-06-1985
			JP 5082370 B	18-11-1993
			JP 59116233 A	05-07-1984
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WO 9815295	A	16-04-1998	AT 240123 T	15-05-2003
			AU 736481 B2	26-07-2001
			AU 5238198 A	05-05-1998
			BR 9712281 A	31-08-1999
			CN 1239895 A	29-12-1999
			DE 69722038 D1	18-06-2003
			EP 1293214 A2	19-03-2003
			EP 0999856 A2	17-05-2000
			HR 970531 A1	31-08-1998
			HU 0001167 A2	28-06-2000
			JP 2001525796 T	11-12-2001
			KR 2000048922 A	25-07-2000
			NZ 335539 A	29-06-2001
			WO 9815295 A2	16-04-1998
			ZA 9708956 A	16-04-1999
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